



MEDTRONIC, INC.
TITLE: APPARATUS AND METHODS FOR "LEPARS" INTERVAL-BASED FUSION PACING
APPLICANT: L.M. van Gelder SERIAL NO: 10/802,419
DOCKET NO: P-11417.00 SHEET 1 of 13

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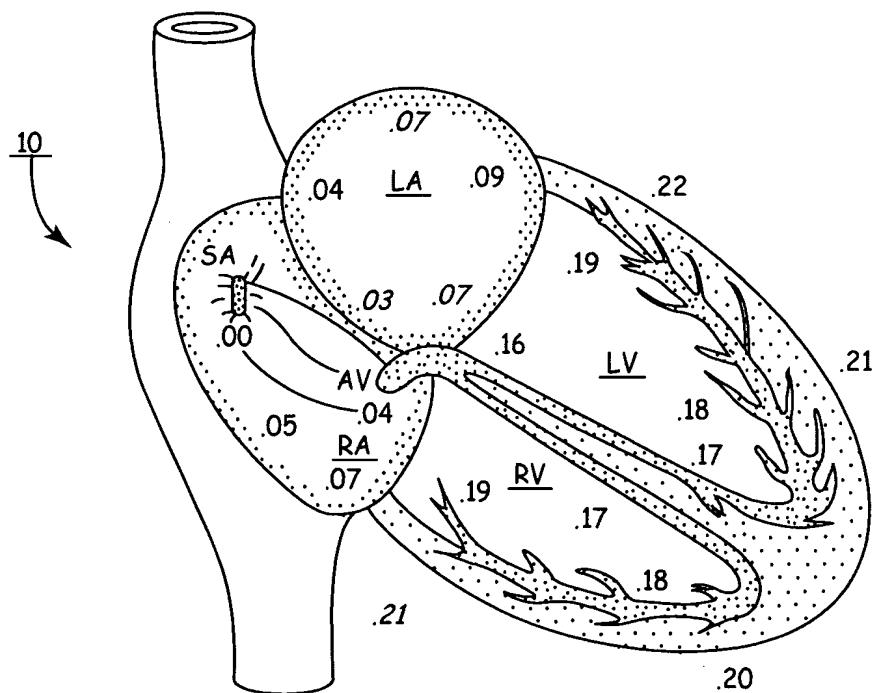
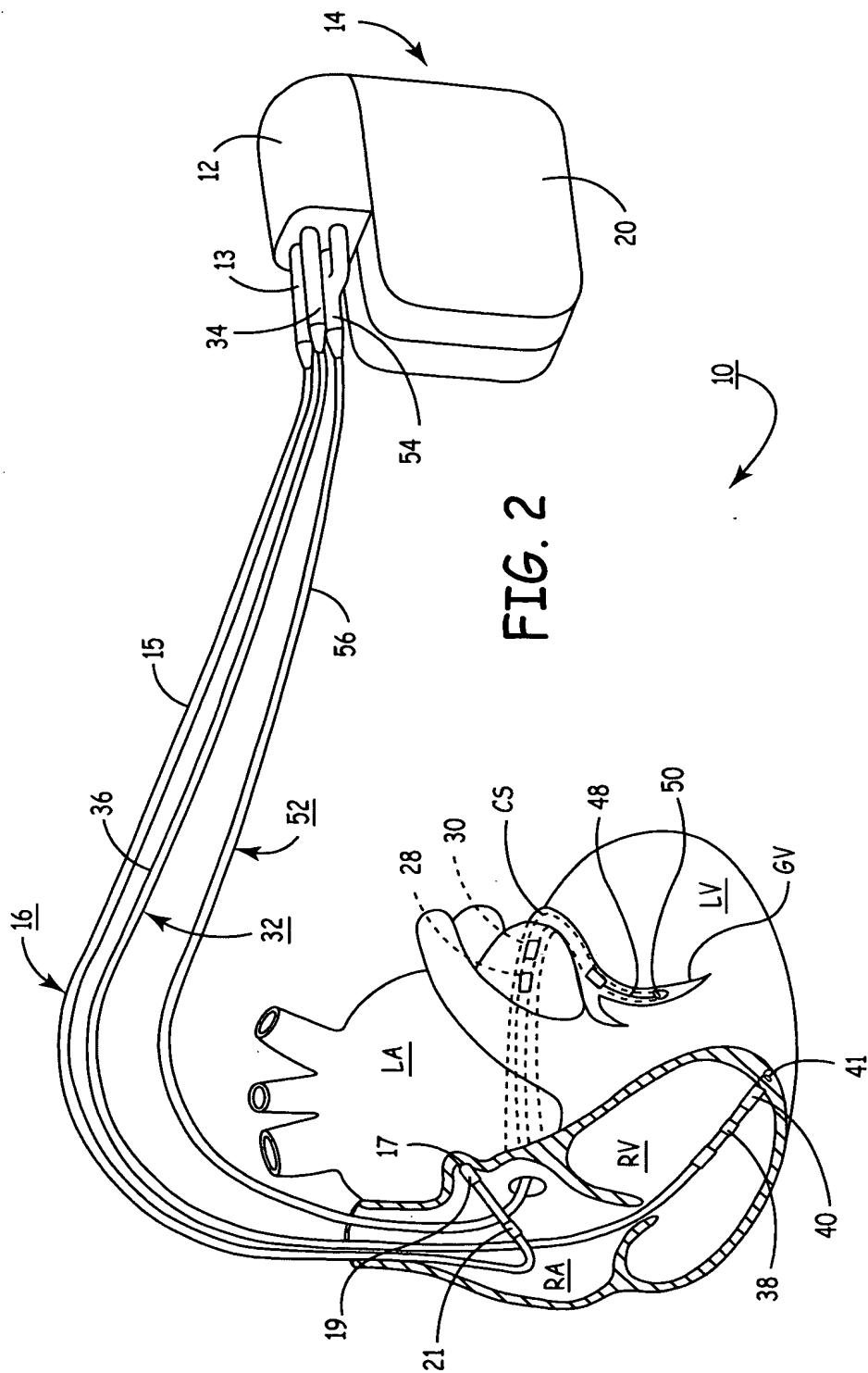


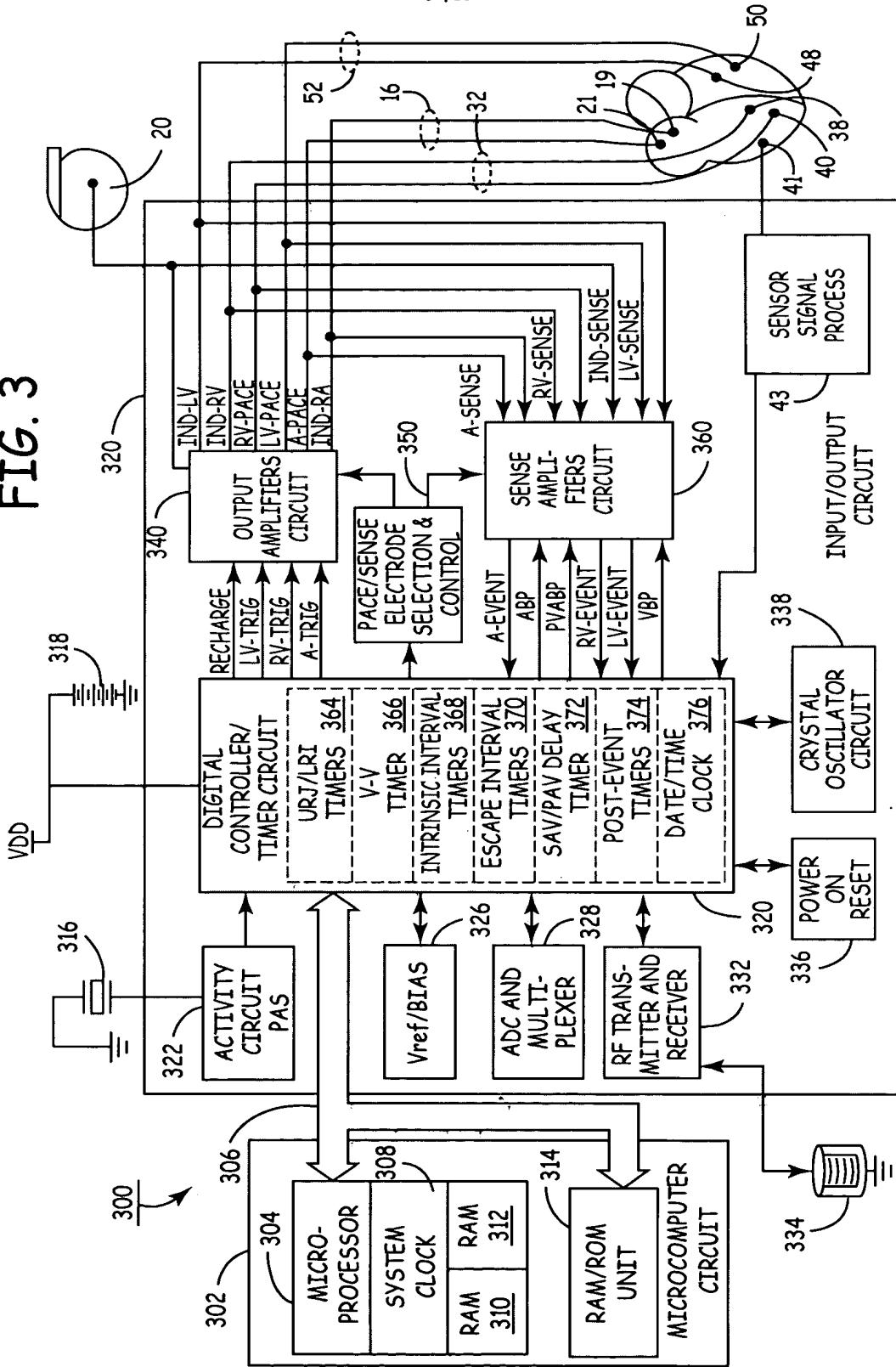
FIG. 1

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FIG. 3



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The LEPARS principle

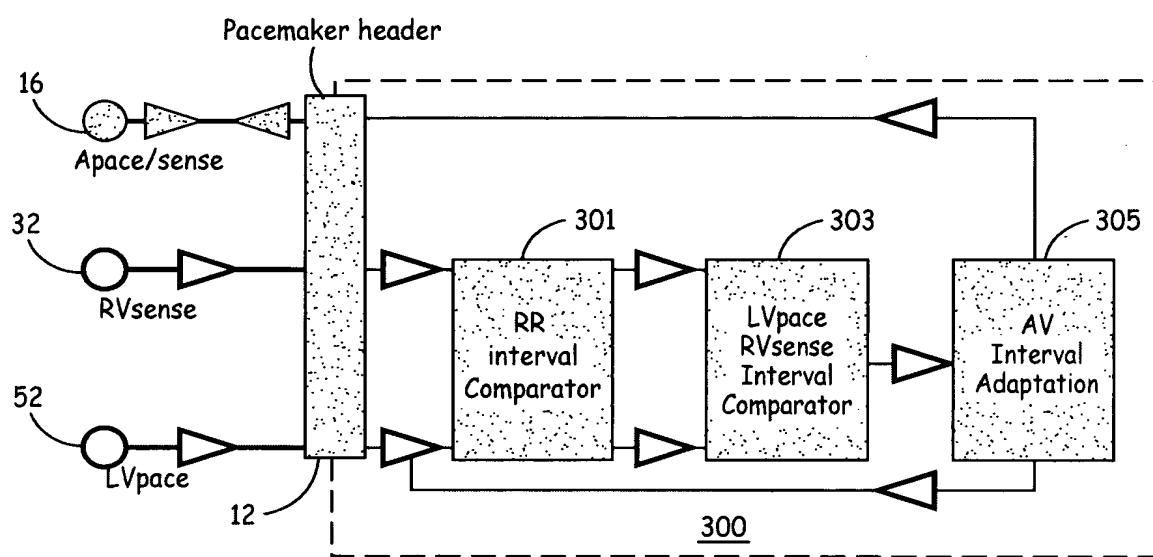


FIG. 4

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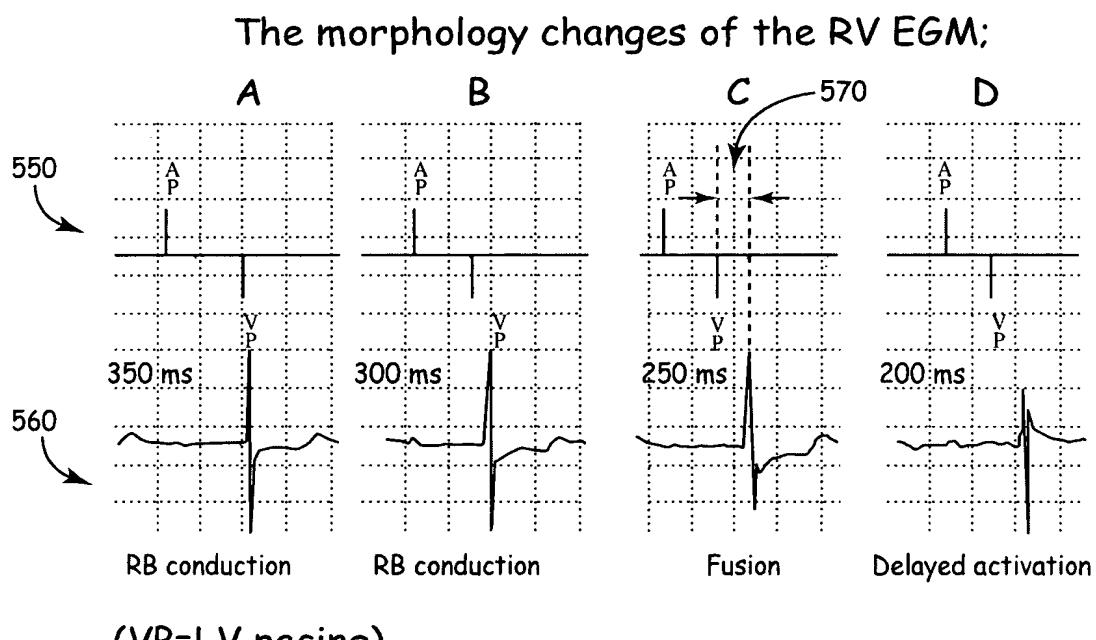


FIG. 5

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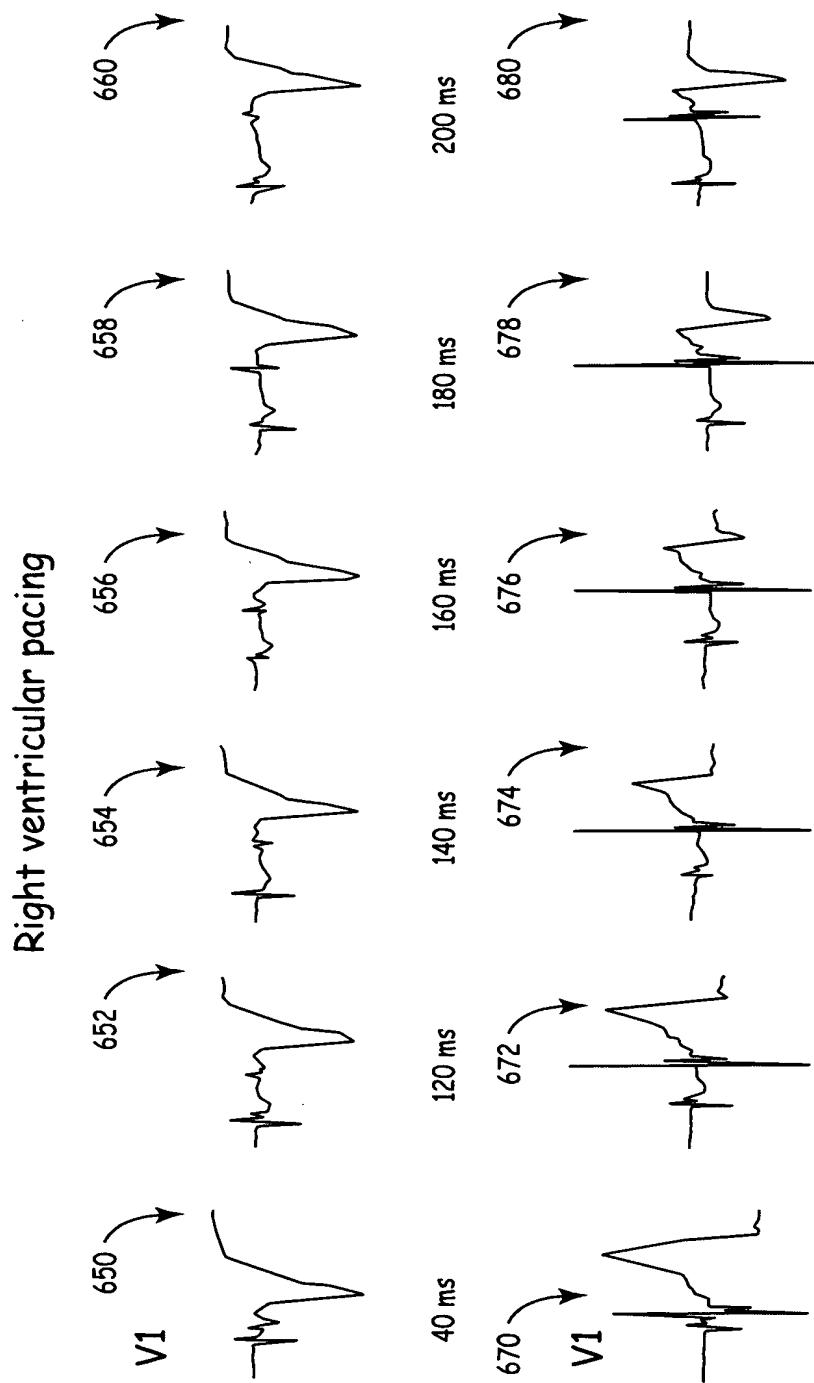


FIG. 6

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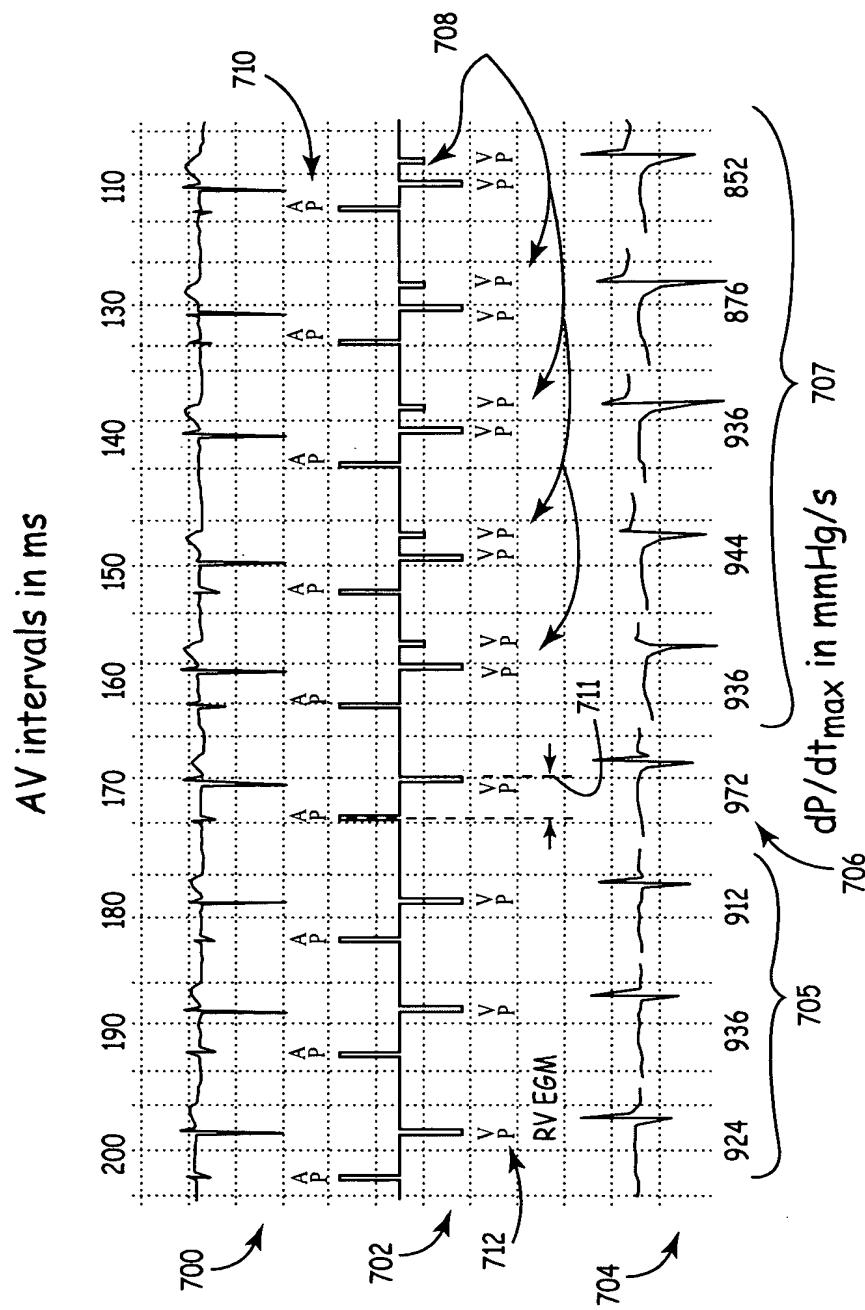


FIG. 7

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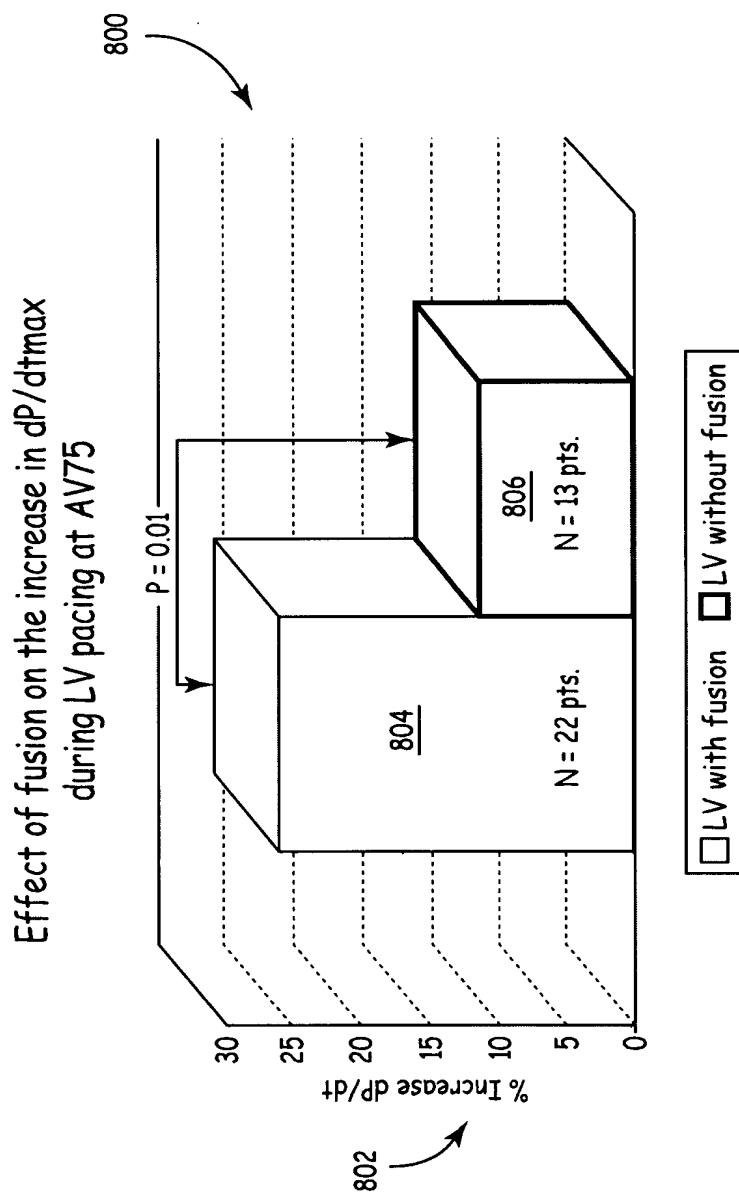


FIG. 8

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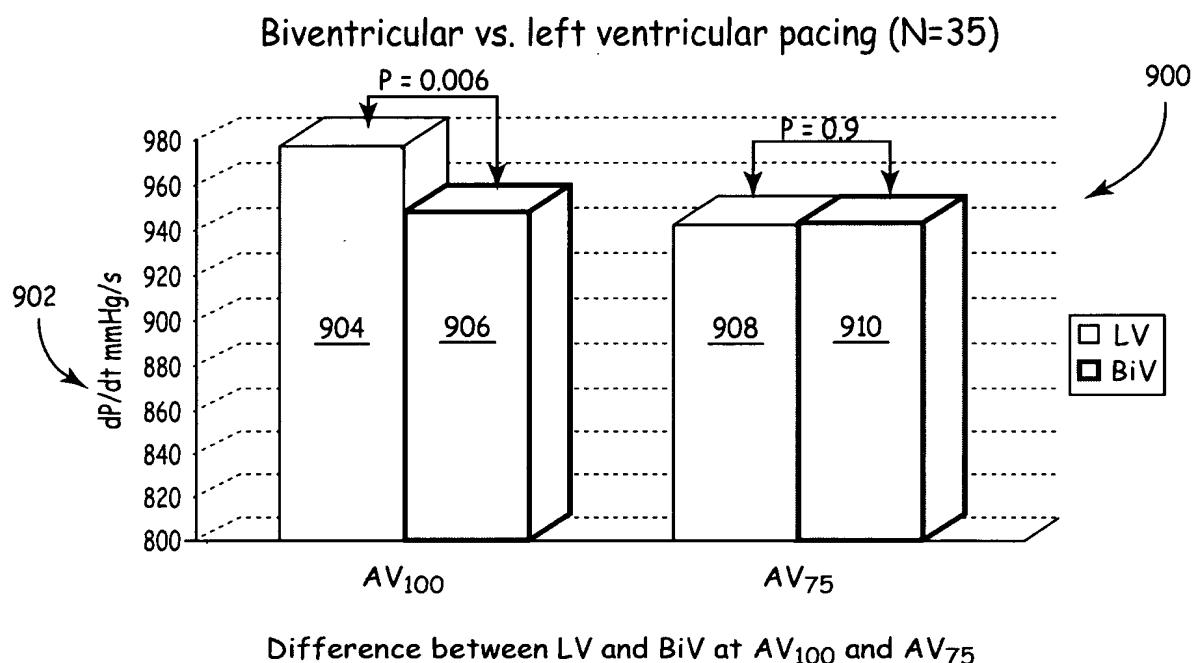
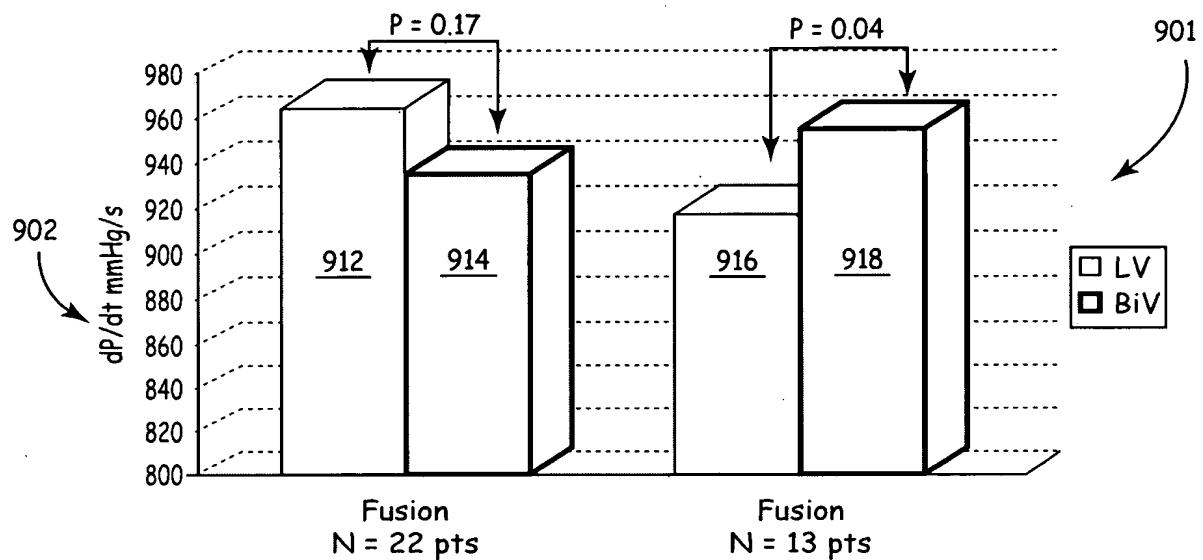


FIG. 9A

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Biventricular vs. left ventricular pacing (N=35)



Differentiation between fusion and no fusion in AV₇₅

FIG. 9B

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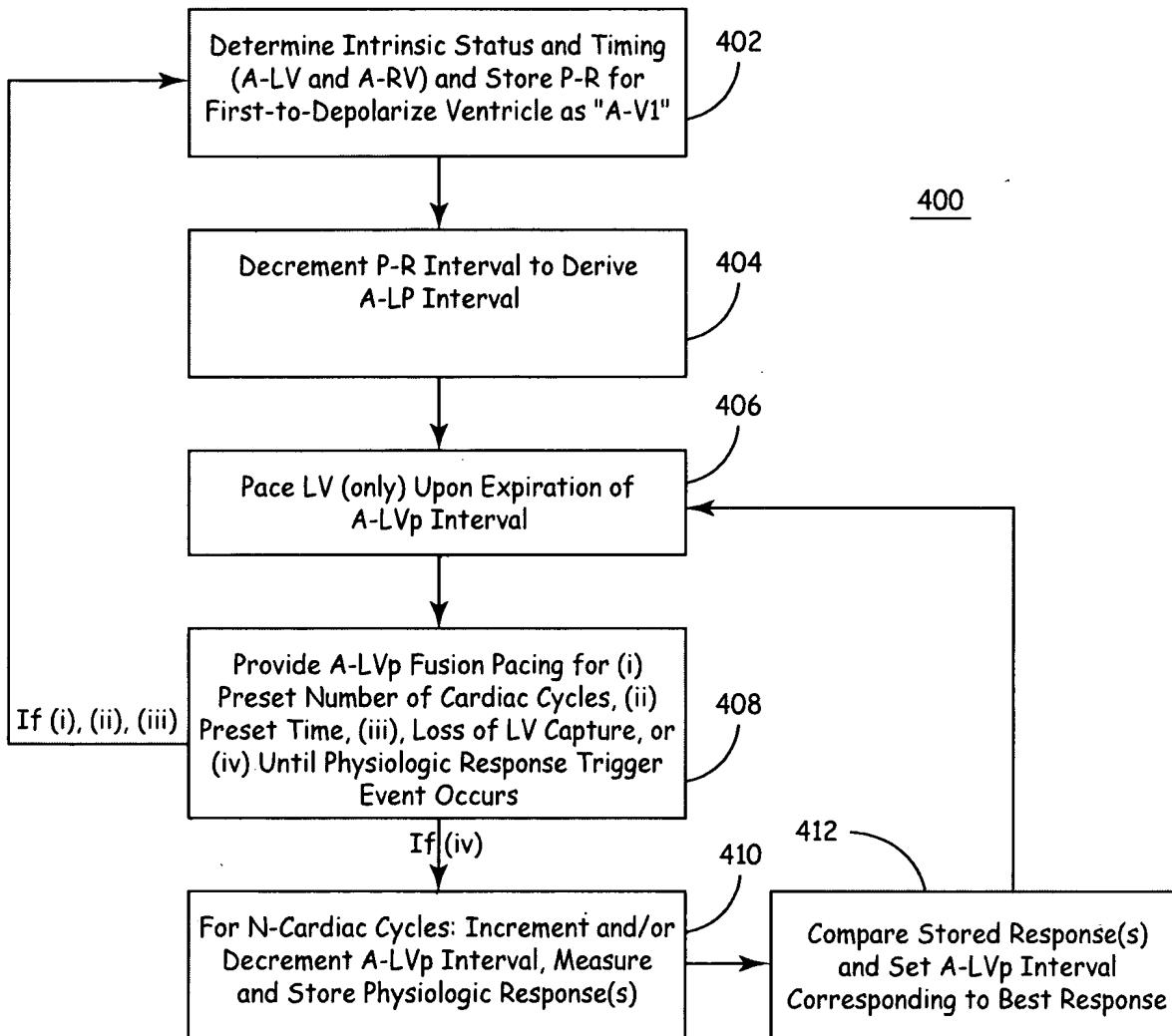


FIG. 10

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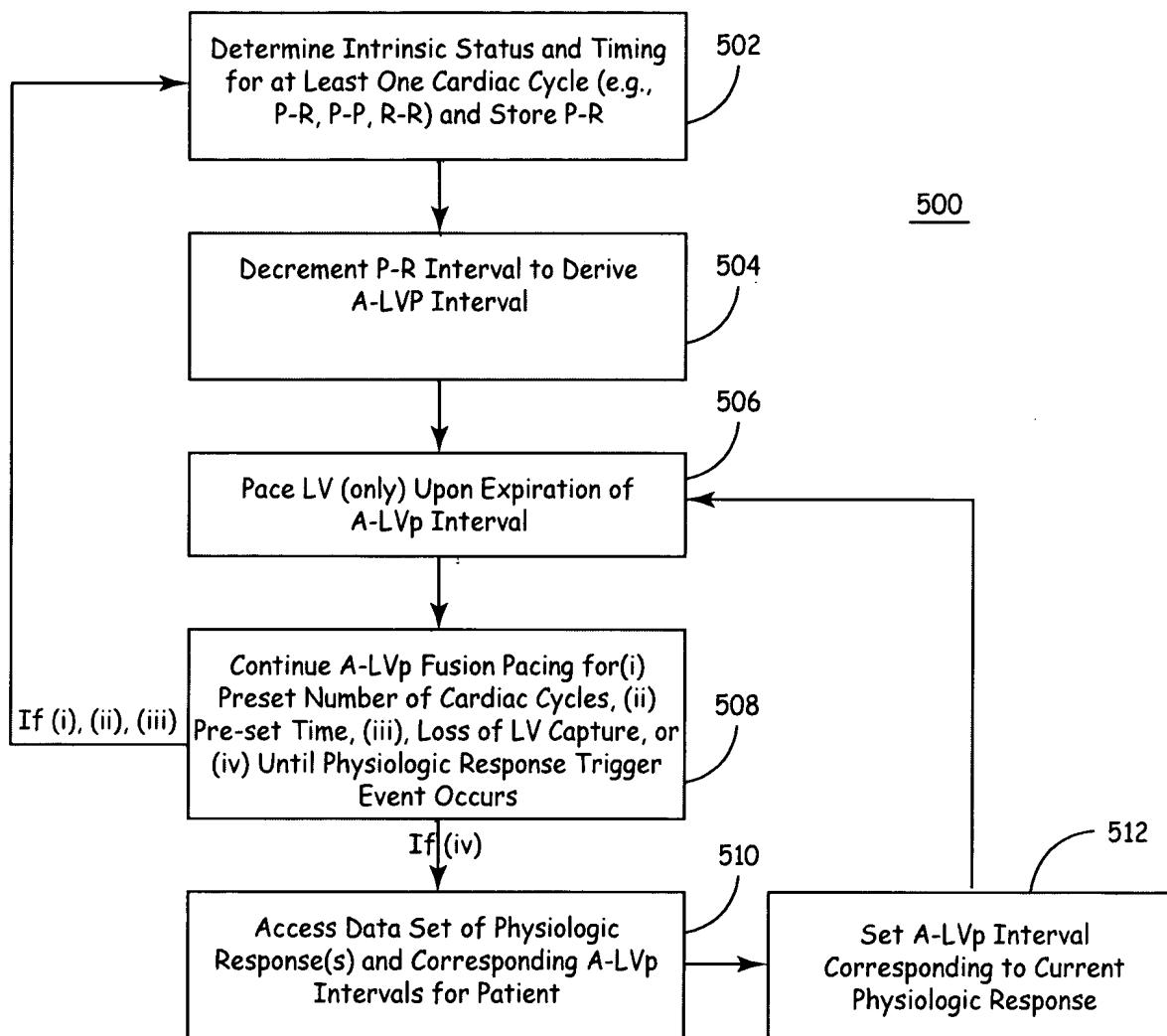


FIG. 11

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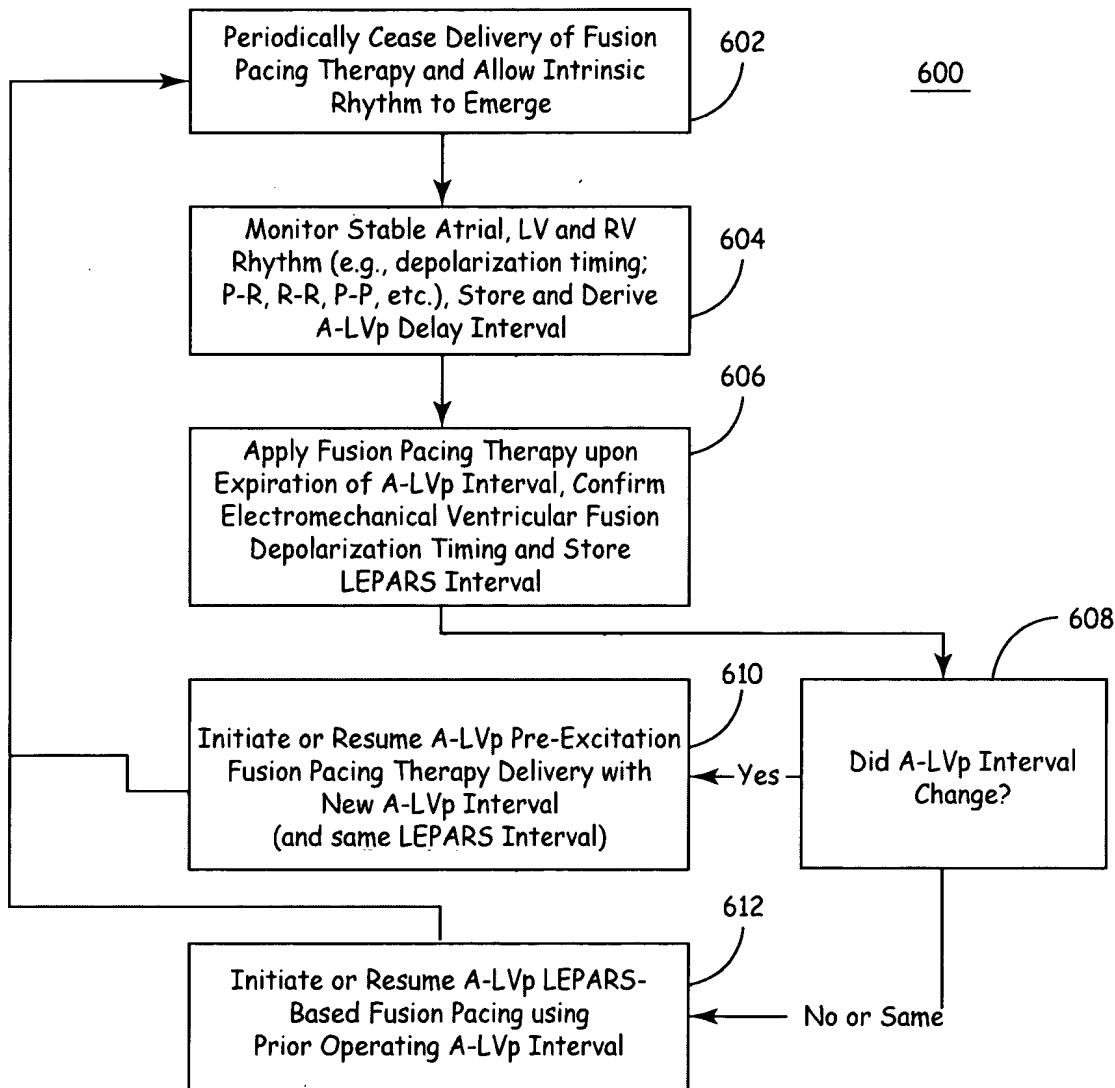


FIG. 12